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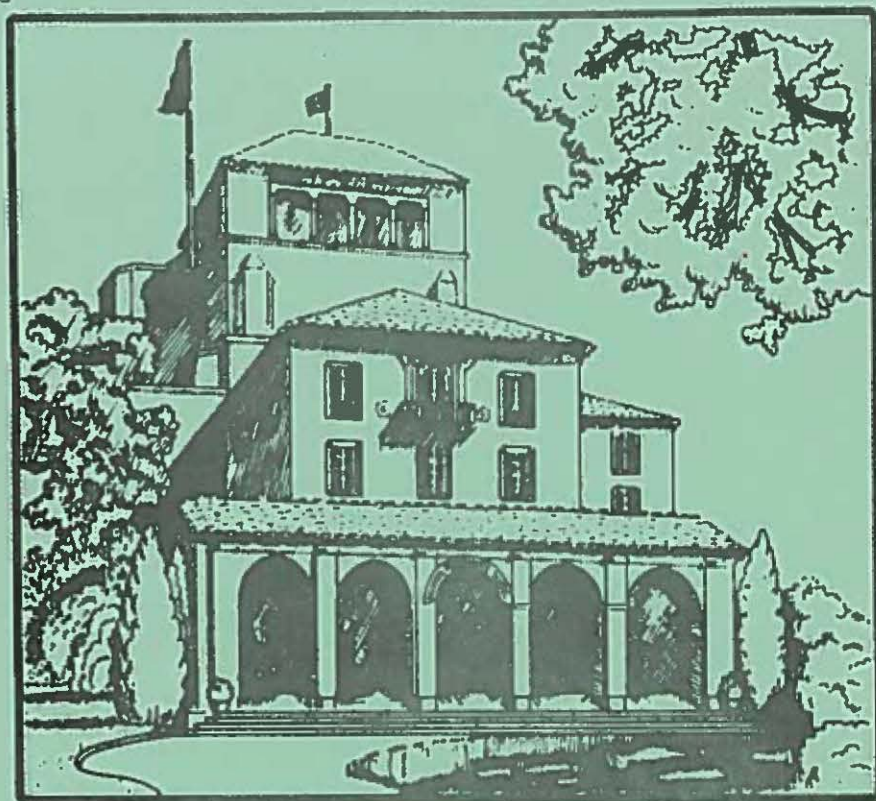
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Naval Postgraduate School

FACULTY BULLETIN

ISSUE NO. 12-70

15 JUNE 1970

FACULTY RETIREMENT

Professor Lawrence E. Kinsler of the Department of Physics is retiring from the Naval Postgraduate School on 17 July 1970. At that time he will have completed over 29 years of distinguished service to the Navy, initially as an officer in the Naval Reserve and subsequently as a civilian professor.

Professor Kinsler received his B.S. degree in 1931 and his Ph.D. degree in 1934 from the California Institute of Technology. Following graduation he accepted an appointment as assistant professor of physics at Rollins College. He was promoted to associate professor in 1937 and was appointed Chairman of the Science Division in 1938.

In June of 1941 he was called to active duty in the Naval Reserve and was ordered to active duty at the Naval Academy in Annapolis. In 1945 he was promoted to the rank of Commander and became Head of the Physics Division. In 1946 he joined the faculty of the Naval Postgraduate School and has held the rank of Professor of Physics since 1949. In the summer of 1951 he was ordered to active duty for a period of two months for a special acoustics mission at Pearl Harbor Naval Shipyard. He was selected for the rank of Captain, USNR, in 1956 and served as Commanding Officer of Naval Reserve Research Company 12-8 from 1956 to 1959.

In 1962 he was appointed Dean of Curricula and remained in that position until 1966 when he returned to full time teaching. Professor Kinsler is co-author of the widely used textbook "Fundamentals of Acoustics." He was a member of the Naval Academy Curriculum Review Board in 1959, and has served on numerous other special committees, boards, and consultant groups in such diverse fields as acoustic standards and curricula, submarine detection, missile range instrumentation, and noise reduction.

He is a fellow of the Acoustical Society of America and a member of Tau Beta Pi, Sigma Xi, and the American Association of University Professors.

REAPPOINTMENT TO THE DEAN'S THESIS REVIEW COMMITTEE

Professor W. E. Bleick, Department of Mathematics has been reappointed Chairman of the Dean's Thesis Review Committee for a period terminating on 30 June 1971. Other members of the Committee are: Associate Professor D. A. Schrad, Operations Analysis Department; Associate Professor D. Layton, Department of Aeronautics; Commander F. L. Roach, Curricular Officer for Electronics and Communications Engineering; and Professor G. R. Luckett, Librarian, ex officio. The purpose of the Committee is the screening of student theses for suitability for distribution outside the Naval Postgraduate School.

SABBATICAL LEAVE

Sabbatical leave for Professor Otto Heinz, Chairman of the Physics Department has been approved by the Chief of Naval Personnel. Dr. Heinz will spend his sabbatical at the University of Vienna, Austria working on two projects: A semi programmed syllabus for the physics refresher course and a biography of the Austrian physicist Ludwig Boltzmann. Professor Heinz will be on leave from July 1970 until the summer of 1971.

FACULTY PUBLICATIONS

Fremgen, James M.

LIFO Inventory: What It Does and How to Use It for Greatest Tax Benefits Taxation for Accountants, Vol. 5 (May-June, 1970), pp. 120-6.

Abstract: This article reviews briefly the history and development of the LIFO inventory method, with particular reference to its use in tax reporting. It discusses and illustrates both the unit and the dollar value methods. Advantages and disadvantages of the method for the taxpayer are also discussed.

Nunn, Robert H.

Jet interaction wrap-around on bodies of revolution. J. Spacecraft, Vol. 7, No. 3, March 1970, pp. 334-336.

Abstract: When a round jet exhausts from a body of revolution, the resulting interaction flowfield is curved about both the jet and body axes. In this paper, the shape and extent of the wrap-around of the interaction region is estimated and a comparison is made between the existing side force data for round jets issuing from flat plates and from bodies of revolution.

PRINCIPAL PROFESSIONAL ACTIVITIES

At the 20 May meeting of the Faculty of the Department of Operations Analysis Council, Associate Professor James Arima was appointed to fill a vacancy on the Faculty Special Functions Committee. The vacancy was created when Professor Harold Larson announced his acceptance of a Fullbright-Hayes Lectureship at the University of Sao Paulo, Brazil.

Dr. R. B. Bomberger, Associate Professor of Psychology in the Aviation Safety Program, has passed the California Bar Examination, and will be licensed to practice law by the Supreme Court of California on 26 June 197

Associate Professor James S. Demetry of the Department of Electrical Engineering has been appointed to a three-year term on the Space Engineering Committee of the American Society for Engineering Education. This committee has worked closely with NASA in the implementation of the NASA - ASEE Summer Faculty Fellowship Program.

Associate Professor James A. Miller of the Department of Aeronautics presented a paper entitled "Laminar Incompressible Flow in the Entrance Region of Ducts of Arbitrary Cross Section" at the Gas Turbine Conference and Products Show held in Brussels from 24-28 May.

The current issue of Soviet Mathematics contains a translation by Dr. R. F. Rinehart of the Russian paper "An algorithm for the solution of the assignment problem", by E. A. Dinic and M. A. Kronrod.

Visiting Professor Donald W. Robinson of the Department of Mathematics presented a paper entitled "Generalized Inverses of Morphisms" at the Matrix Theory Conference held in Auburn, Ala. from 9-12 June.

TRAVEL - 15 - 29 JUNE

Supported by BuPers Funds

H. Duffin	6/23 - 6/27	Atlanta, Ga.	Attend 1970 Joint Automatic Control Conf.
H. Gawain	6/26 - 6/30	Los Angeles	Attend AIAA Computational Fluid Dynamics Seminar
B. Hoisington	6/15 - 6/19	Colorado Springs	Attend 16th Annual Tri-Serv. Radar Symposium
F. Leipper	6/21 - 6/26	Wash., D. C.	Attend International Marine Science Affairs Panel & Mtg. of Steering Committee for Mil. OC Symposium.
W. M. Cooper	6/21 - 6/26	Winnipeg, Canada	Attend Am. Physical Society Mtg.
M. L. Smith	6/20 - 6/27	Annapolis	Attend Symposium on Evaluation of Ed. Tech. Applications
H. Nguyen	6/27 - 7/3	Los Angeles	Attend Am. Nuclear Society 16th Annual Mtg.
D. Strum	6/18 - 6/28	Boston; Wash., D.C.; & Annapolis	Attend Ed. Tech. Sym. & consult with Ed. Pers. at MIT, Harvard, & Geo. Wash. Univ.

Supported by Other Funds

Sarpkaya	6/14 - 6/20	Boston, Mass.	Attend 6th U. S. Nat'l. Congress of Applied Mechanics
J. Barr L. Ferguson	6/17 - 7/24	Bangkok	Participate in MR & DC ARPA Program
E. Sinclair	6/18 - 6/25	Wash., D. C.	Attend Mtg. at NOL

Cost to the Gov't.

A. J. Bennett	6/12 - 7/1	London, Eng. & Glasgow, Scotland	Visit U. of Glasgow
D. Kelleher	6/13 - 6/18	Boston	Attend 6th U. S. Nat'l. Congress for Applied Mechanics